

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:
 DOUGLAS L. WATHEN
 GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON
 & Citkowski, PC
 280 N. OLD WOODWARD AVE.
 SUITE 400
 BIRMINGHAM, MI 48009

PCT

NOTIFICATION OF TRANSMITTAL OF
 THE INTERNATIONAL SEARCH REPORT
 OR THE DECLARATION

(PCT Rule 44.1)

Applicant's or agent's file reference LLB-10152/04	Date of Mailing (day/month/year) U.S.A. 28.08.2000
International application No PCT/US00/40760	FOR FURTHER ACTION See paragraphs 1 and 4 below
Applicant Lassovsky, Leon A.	International filing date (day/month/year) 28 August 2000 (28.08.2000)

*Response out 2-8-01
due 3-8-01*

1. The applicant is hereby notified that the international search report has been established and is transmitted herewith.
Filing of amendments and statement under Article 19:
 The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompany sheet

Where? Directly to the International Bureau of WIPO
 34, chemin des Colombettes
 1211 Geneva 20, Switzerland
 Facsimile No. (41-22) 740 14 35

For more detailed instructions, see the notes on the accompanying sheet

2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. **With regard to the protest** against payment of (an) additional fees(s) under Rule 40.2, the applicant is notified that:

the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices

no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made

4. **Further action(s):** The applicant is reminded of the following

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau
 If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in rules 90 bis 1 and 90 bis 3, respectively, before the completion of the technical preparations for international publication

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date or some Office even later

Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II

Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCTI Washington, D.C. 20231 Facsimile No. (703)305-5230	Authorized officer Sandra O'Shea Telephone No. 703-555-5555
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Form PCT/ISA/220 (July 1998)

RECEIVED
JAN 15 2000

U.S. PATENT AND TRADEMARK OFFICE

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To:
 DOUGLAS L. WATHEN
 GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON
 & Citkowski, PC
 280 N. OLD WOODWARD AVE.
 SUITE 400
 BIRMINGHAM, MI 48009

PCT

NOTIFICATION OF TRANSMITTAL OF
 THE INTERNATIONAL SEARCH REPORT
 OR THE DECLARATION

(PCT Rule 44.1)

<div style="border: 1px solid black; padding: 2px; display: inline-block;">Date of Mailing (day/month/year)</div> <div style="display: inline-block; vertical-align: top; margin-left: 10px;">08 JAN 2001</div>	
Applicant's or agent's file reference LLB-10152/04	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No PCT/US00/40760	International filing date (day/month/year) 28 August 2000 (28.08.2000)
Applicant Lassovsky, Leon A.	

1. The applicant is hereby notified that the international search report has been established and is transmitted herewith
Filing of amendments and statement under Article 19:
 The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompany sheet

Where? Directly to the International Bureau of WIPO
 34, ch^e min des Colombettes
 1211 Geneva 20, Switzerland
 Facsimile No. (41-22) 740 14.35

For more detailed instructions, see the notes on the accompanying sheet.

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3. **With regard to the protest against payment of (an) additional fee(s) under Rule 40.2,** the applicant is notified that:

the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices

no decision has been made yet on the protest, the applicant will be notified as soon as a decision is made

4. **Further action(s):** The applicant is reminded of the following:

Shortly after **18 months** from the priority date, the international application will be published by the International Bureau
 If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in rules 90 bis 1 and 90 bis 3, respectively, before the completion of the technical preparations for international publication

Within **19 months** from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date, in some Offices even later.

Within **20 months** from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II

Name and mailing address of the ISA/US Commissioner of Patent and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703)305-3230	Authorized Officer Sandra O'Shea Telephone No. 703-555-5555
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PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference LLB-10152/04	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below
International application No. PCT/US00/40760	International filing date (day/month/year) 28 August 2000 (28.08.2000)	(Earliest) Priority Date (day/month/year) 26 August 1999 (26.08.1999)
Applicant Lassovsky, Leon A.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the Report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. **Certain claims were found unsearchable** (See Box I).

3. **Unity of invention is lacking** (See Box II).

4. With regard to the **title**,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

Luminaire Module Having Multiple Rotatably Adjustable Reflectors

5. With regard to the **abstract**,

the text is approved as submitted by the applicant

the text has been established according to Rule 38.2(iv) by this Authority as it appears in Box III. The applicant may within one month from the date of mailing of this international search report submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. 23

as suggested by the applicant

None of the figures

because the applicant failed to suggest a figure

because this figure better characterizes the invention

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US00/40760

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)**NEW ABSTRACT**

A module (302) for forming a modular luminaire (300), in cooperation with the second module (304), has a housing (308) with a cavity. The housing (308) is designed to be mounted within a luminaire frame or to one end of a luminaire shell (306). The module includes at least one bulb holder (314) that is supported by the housing (308) and multiple rotatably adjustable reflector holders, also supported by the housing (308). The holders are each designed to engage one end of an elongated reflector (318) so as to support it. The module also includes at least one adjustable knob (326) that allows the rotational position of at least one of the reflector holders to be adjusted.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US00/40760

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F21V 14/04
US CL : 362/283

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 362/283, 235,236,237,241,217,225,277,279,282,296,297,310

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,816,691 A (GORDIN et al.) 06 October 1998 (06.10.1998)	1-24
A	US 4,872,098 A (ROMANO, 03 October 1989 (03.10.1989)	1-24
A	US 1,421,838 A (SCHAEFFER) 04 July 1922 (04.07.1922)	1-24

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance		
"E" earlier application or patent published on or after the international filing date	"X"	document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claims; or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is taken alone
"R" document referring to an earlier document used as evidence or other means	"Z"	document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

01 December 2000/01.12.2000

Date of mailing of the international search report

08 JAN 2001

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231
Facsimile No. (703)305-3230

Authorized officer

Sandra O'Shea

Telephone No. 703-555-5555

PATENT COOPERATION TREATY

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

To:
DOUGLAS L. WATHEN
GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON
& CITKOWSKI, PC
280 N. OLD WOODWARD AVE., SUITE 400
BIRMINGHAM MI 48009

PCT

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

<div style="border: 1px solid black; padding: 2px; display: inline-block;">Date of Mailing (day/month/year)</div> <div style="display: inline-block; font-size: 1.5em; vertical-align: middle;">25 JUL 2001</div>		
IMPORTANT NOTIFICATION		
Applicant's or agent's file reference LLB-10152/04	International application No. PCT/US00/40760	International filing date (day/month/year) 28 August 2000 (28.08.2000)
Priority date (day/month/year) 26 August 1999 (26.08.1999)		
Applicant LASSOVSKY, LEON A.		

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.
4. **REMINDER**

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices)(Article 39(1))(see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230	Authorized officer ISMAEL NEGRON Telephone No. (703) 308-6086
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Form PCT/IPEA/416 (July 1992)

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JUL 17 2001
GIFFORD, KRASS, GROH, SPRINKLE
ANDERSON & CITKOWSKI, P.C.

PATENT COOPERATION TREATY
PCT
INTERNATIONAL PRELIMINARY EXAMINATION REPORT
(PCT Article 36 and Rule 70)

Applicant's or agent's file reference LLB-10152/04	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/US00/40760	International filing date (day/month/year) 28 AUGUST 2000	Priority date (day/month/year) 26 AUGUST 1999
International Patent Classification (IPC) or national classification and IPC IPC(7): F21V 14/04 and US Cl.: 362/283		
Applicant LASSOVSKY, LEON A.		

<p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of <u>0</u> sheets.</p> <p>3. This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of report with regard to novelty, inventive step or industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application
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Date of submission of the demand 20 MARCH 2001	Date of completion of this report 02 JULY 2001
Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer ISMAEL NEGRON Telephone No. (703) 308-6068 <i>Ismael P. Negron</i>
Facsimile No. (703) 305-3230	

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/40760

I. Basis of the report

1. With regard to the elements of the international application:*

the international application as originally filed

the description:
pages 1-35 _____, as originally filed
pages NONE _____, filed with the demand
pages NONE _____, filed with the letter of _____

the claims:
pages 36-42 _____, as originally filed
pages NONE _____, as amended (together with any statement) under Article 19
pages NONE _____, filed with the demand
pages NONE _____, filed with the letter of _____

the drawings:
pages 1-23 _____, as originally filed
pages NONE _____, filed with the demand
pages NONE _____, filed with the letter of _____

the sequence listing part of the description:
pages NONE _____, as originally filed
pages NONE _____, filed with the demand
pages NONE _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

the language of publication of the international application (under Rule 48.3(b)).

the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

contained in the international application in printed form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of:

the description, pages NONE

the claims, Nos. NONE

the drawings, sheets/fig. NONE

5. This report has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

**Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US00/40760

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. statement**

Novelty (N)	Claims	1-24	YES
	Claims	<u>NONE</u>	NO
Inventive Step (IS)	Claims	1-24	YES
	Claims	<u>NONE</u>	NO
Industrial Applicability (IA)	Claims	1-24	YES
	Claims	<u>NONE</u>	NO

2. citations and explanations (Rule 70.7)

Claims 1-24 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest modules having the claimed rotatable reflector structure, such modules being configured for mounting to a luminaire frame or a luminaire shell.

----- NEW CITATIONS -----
NONE

PATENT COOPERATION TREATY

From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

Date of mailing (day/month/year) 21 August 2001 (21.08.01)	To: Commissioner US Department of Commerce United States Patent and Trademark Office, PCT 2011 South Clark Place Room CP2/5C24 Arlington, VA 22202 ETATS-UNIS D'AMERIQUE <small>in its capacity as elected Office</small>
International application No. PCT/US00/40760	Applicant's or agent's file reference LLB-10152/04
International filing date (day/month/year) 28 August 2000 (28.08.00)	Priority date (day/month/year) 26 August 1999 (26.08.99)
Applicant LASSOVSKY, Leon, A.	

1. The designated Office is hereby notified of its election made:

in the demand filed with the International Preliminary Examining Authority on:

20 March 2001 (20.03.01)

in a notice effecting later election filed with the International Bureau on:

2. The election was

was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer CRUZ Juan Telephone No.: (41-22) 338.83.38
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(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 March 2001 (01.03.2001)

PCT

(10) International Publication Number
WO 01/14792 A1

(51) International Patent Classification⁷: **F21V 14/04**

FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW.

(21) International Application Number: **PCT/US00/40760**

(22) International Filing Date: 28 August 2000 (28.08.2000)

(25) Filing Language: English

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: English

(30) Priority Data:
09/383,311 26 August 1999 (26.08.1999) US

Published:

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

(71) Applicant and

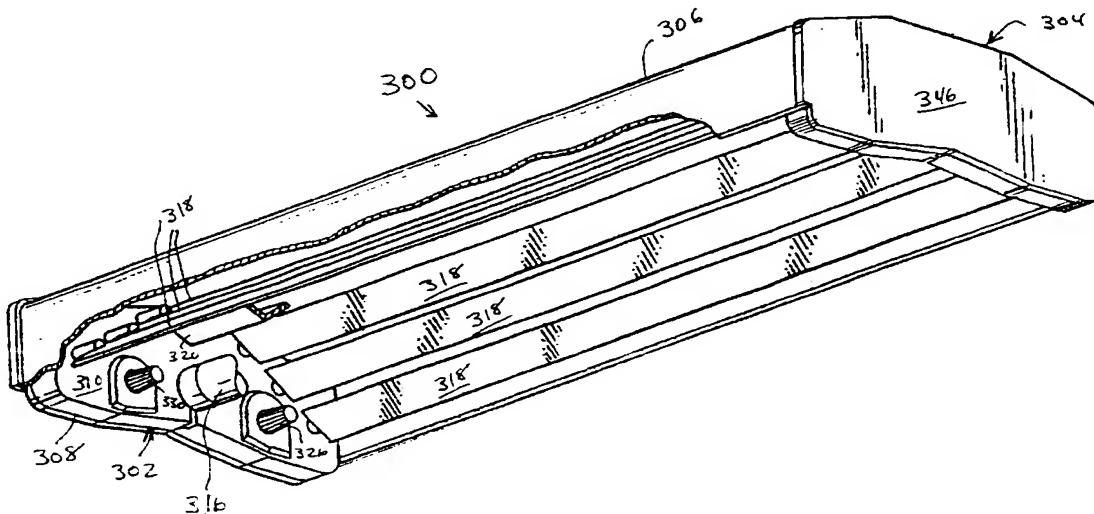
(72) Inventor: LASSOVSKY, Leon, A. [US/US]; Castillo de Utera #1, E-41013 Sevilla (ES).

(74) Agents: WATHEN, Douglas, L. et al.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, PC, Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009 (US).

(81) Designated States (national): AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES,

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: LUMINAIRE MODULE HAVING MULTIPLE ROTATABLY ADJUSTABLE REFLECTORS



(57) Abstract: A module (302) for forming a modular luminaire (300), in cooperation with the second module (304), has a housing (308) with a cavity. The housing (308) is designed to be mounted within a luminaire frame or to one end of a luminaire shell (306). The module includes at least one bulb holder (314) that is supported by the housing (308) and multiple rotatably adjustable reflector holders, also supported by the housing (308). The holders are each designed to engage one end of an elongated reflector (318) so as to support it. The module also includes at least one adjustable knob (326) that allows the rotational position of at least one of the reflector holders to be adjusted.

WO 01/14792 A1